

# MONITORING WELL LOG

Well No. **MW5**

PROJECT: BLUE LAKE MARKET  
BORING LOCATION: 30 FEET SOUTH OF MW1  
DRILLING METHOD: DIRECT PUSH  
DRILLER: LACO ASSOCIATES  
DEPTH TO WATER: INITIAL  $\nabla$ : 8.0  
SITE GEOLOGY: UPLIFTED FLUVIAL AND FLOODPLAIN DEPOSITS  
WELL CASING: 0'-10' BGS  
SEAL AND INTERVAL: 0'-9' BGS

PROJECT NO.: 3888.02  
DATE: 9/14/2005  
ELEVATION: APPROX. 85 FEET NAVD  
LOGGED BY:  
COMPLETION  $\nabla$ : N/A  
WELL SCREEN AND INTERVAL: 10'-15' BGS  
SAND PACK AND INTERVAL: 9'-15' BGS

ELEVATION/ DEPTH	SOIL SYMBOLS, SAMPLERS AND TEST DATA	USCS	Description	P.I.D ppm	Hanby Result	Well Construction Diagram
0		VG	ASPHALT AGGREGATE BASE			
		GM	SILTY GRAVEL WITH SAND; Dark gray, medium dense, moist; Approximately 40% well graded gravel, 25% fine sand, 30% silt, 5% clay; No hydrocarbon odor or staining.			
3		ML	SANDY SILT; Dark brown, firm to stiff, moist to wet; Approximately 50% silt, 20% clay, medium to high plasticity, 30% fine sand; No hydrocarbon odor or staining.	0		
		ML	SILT WITH SAND; Dark brown, firm, wet to saturated; Approximately 55% silt, 20% clay, low to medium plasticity, 25% fine sand; No hydrocarbon odor or staining.			
6		ML	SANDY SILT; Dark brown, stiff to firm, moist to wet; Approximately 40% silt, 30% clay, high plasticity, 30% fine sand; No hydrocarbon odor or staining.			
		SM	SILTY SAND; Dark brown, medium dense, wet to saturated; Approximately 50% fine sand, 40% silt, 10% clay; No hydrocarbon odor or staining.	0		
9		ML	SANDY SILT; Dark brown, stiff to hard, moist to wet; Approximately 40% silt, 30% clay, high plasticity, 30% fine sand; No hydrocarbon odor or staining.			
		SM	SILTY SAND WITH GRAVEL; Dark gray, medium dense, wet to saturated; Approximately 50% fine and medium sand, 25% fine gravel, 20% silt, 5% clay; Slight hydrocarbon odor, no staining.	3		
12		SM	SILTY SAND; Dark brown, dense, moist to wet; Approximately 50% fine and medium sand, 40% silt, 10% clay; No hydrocarbon odor or staining.	0		
		SM		0		
		ML		0		
15		GM	SILTY SAND; Dark gray, loose, saturated; Approximately 65% well graded sand, 5% fine gravel, 25% silt, 5% clay; Slight hydrocarbon odor, no staining.	0		
			SANDY SILT WITH GRAVEL; Dark gray to brown, firm to stiff, wet to saturated; Approximately 50% silt, 10% clay, 20% well graded sand, 20% fine and medium gravel; <5% organics at 13'-13.5' bgs; No hydrocarbon odor or staining.			
18			SILTY GRAVEL WITH SAND; Dark gray to brown, loose, wet to saturated; Approximately 45% fine and medium gravel, 40% fine and medium sand, 15% silt; Slight hydrocarbon odor, no staining.			
21			HALT AT 16 FEET BGS			

Hand auger to 4 feet bgs. Soil samples collected at 4ft, 8ft, 12ft, and 16ft bgs; grab groundwater samples collected with dedicated PVC tubing equipped with a check valve.

Figure \_\_\_\_\_